



CERTIFIED MATERIAL TEST REPORT

US-ML-CARTERSVILLE
 384 OLD GRASSDALE ROAD NE
 CARTERSVILLE, GA 30121
 USA

SALES ORDER
 13472722/000030

CUSTOMER MATERIAL N°

| | | |
|--|-------------------------------|-----------------------------|
| GRADE GGMULTI | SHAPE / SIZE Angle / 8X8X1 | DOCUMENT ID: 0000657258 |
| LENGTH 40'00" | WEIGHT 6,120 LB | HEAT / BATCH 55089837/06 |
| SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13 | | |

| | | |
|---|-----------------------------------|--------------------|
| CUSTOMER PURCHASE ORDER NUMBER SSW139280 | BILL OF LADING 1323-0000252003 | DATE 11/17/2023 |
|---|-----------------------------------|--------------------|

| CHEMICAL COMPOSITION | | | | | | | | | | | | | |
|----------------------|--------|-------|-------|--------|--------|--------|--------|--------|-------|--------|--------|------------|--------|
| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Cu (%) | Ni (%) | Cr (%) | Mo (%) | V (%) | Nb (%) | N (%) | CEqvA6 (%) | Sn (%) |
| 0.09 | 0.95 | 0.016 | 0.017 | 0.24 | 0.29 | 0.12 | 0.12 | 0.032 | 0.002 | 0.027 | 0.0097 | 0.30 | 0.011 |


| MECHANICAL PROPERTIES | | | |
|-----------------------|--------------|-----------|-----------|
| Elong. (%) | G/L (Inches) | UTS (PSI) | UTS (MPa) |
| 28.40 | 8.000 | 73200 | 505 |
| 24.80 | 8.000 | 73300 | 505 |

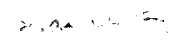
COMMENTS / NOTES

This grade meets the requirements for the following grades:
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
 CSA Grades: 44W; 50W
 AASHTO Grades: M270-36; M270-50
 ASME Grades: SA36

Gerdaus steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact metalsrecycling@gerdau.com.

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdaus possession. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.


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